

USA, Ohio (1998-2012)

	Number of cases							Percentage				Incidence rates per million person-years								MV % 0-19	DCO % 0-19	
	Age group							0-14		0-19		Age-specific					Cumulative					
	0	1-4	5-9	10-14	15-19	0-14	0-19	All	Group	All	Group	0	1-4	5-9	10-14	15-19	0-14	ASR	0-19			0-14
I LEUKAEMIA	95	736	395	321	317	1547	1864	28.8	100.0	23.5	100.0	43.7	83.3	34.2	26.5	25.7	47.9	42.9	680	809	97.4	0.4
a. Lymphoid	32	597	320	207	168	1156	1324	21.6	74.7	16.7	71.0	14.7	67.6	27.7	17.1	13.6	36.0	31.0	509	577	99.0	0.1
b. Acute myeloid	45	90	49	69	88	253	341	4.7	16.4	4.3	18.3	20.7	10.2	4.2	5.7	7.1	7.8	7.6	111	147	98.2	0.6
c. CMD	3	9	13	28	36	53	89	1.0	3.4	1.1	4.8	1.4	1.0	1.1	2.3	2.9	1.5	1.8	23	37	79.8	0.0
d. MDS & other	12	30	6	11	13	59	72	1.1	3.8	0.9	3.9	5.5	3.4	0.5	0.9	1.1	1.9	1.7	26	31	93.1	0.0
e. Unspecified	3	10	7	6	12	26	38	0.5	1.7	0.5	2.0	1.4	1.1	0.6	0.5	1.0	0.8	0.8	11	16	81.6	10.5
II LYMPHOMA & RELATED	30	66	161	291	610	548	1158	10.2	100.0	14.6	100.0	13.8	7.5	13.9	24.0	49.5	14.8	22.6	233	481	99.1	0.0
a. Hodgkin	0	5	39	149	401	193	594	3.6	35.2	7.5	51.3	-	0.6	3.4	12.3	32.5	4.8	11.1	81	243	99.5	0.0
b. Non-Hodgkin except BL	12	22	67	87	159	188	347	3.5	34.3	4.4	30.0	5.5	2.5	5.8	7.2	12.9	5.1	6.9	80	145	99.4	0.0
c. Burkitt (BL)	0	18	39	40	39	97	136	1.8	17.7	1.7	11.7	-	2.0	3.4	3.3	3.2	2.7	2.8	42	57	100.0	0.0
d. Lymphoreticular	18	20	14	10	6	62	68	1.2	11.3	0.9	5.9	8.3	2.3	1.2	0.8	0.5	2.0	1.6	27	30	94.1	0.0
e. Unspecified	0	1	2	5	5	8	13	0.1	1.5	0.2	1.1	-	0.1	0.2	0.4	0.4	0.2	0.3	3	5	92.3	0.0
III CNS NEOPLASMS †	78	443	452	426	424	1399	1823	26.1	100.0	23.0	100.0	35.8	50.1	39.1	35.1	34.4	41.1	39.6	608	780	77.6	0.6
a. Ependymoma	16	53	31	29	26	129	155	2.4	9.2	2.0	8.5	7.4	6.0	2.7	2.4	2.1	4.0	3.6	57	67	97.4	0.6
b. Astrocytoma	27	209	189	176	145	601	746	11.2	43.0	9.4	40.9	12.4	23.6	16.3	14.5	11.8	17.8	16.4	261	320	79.2	0.1
c. CNS embryonal	17	100	84	50	44	251	295	4.7	17.9	3.7	16.2	7.8	11.3	7.3	4.1	3.6	7.7	6.7	110	128	98.3	0.7
d. Other gliomas	6	42	85	71	66	204	270	3.8	14.6	3.4	14.8	2.8	4.8	7.4	5.9	5.4	5.8	5.7	88	115	44.1	0.0
e. Other specified	8	30	53	83	135	174	309	3.2	12.4	3.9	17.0	3.7	3.4	4.6	6.8	11.0	4.8	6.2	74	129	79.9	0.0
f. Unspecified CNS	4	9	10	17	8	40	48	0.7	2.9	0.6	2.6	1.8	1.0	0.9	1.4	0.6	1.1	1.0	17	20	33.3	14.6
IV NEUROBLASTOMA	134	178	34	9	5	355	360	6.6	100.0	4.5	100.0	61.6	20.1	2.9	0.7	0.4	12.1	9.5	160	162	98.6	0.3
a. (Ganglio)neuroblastoma	134	176	33	8	1	351	352	6.5	98.9	4.4	97.8	61.6	19.9	2.9	0.7	0.1	12.0	9.3	158	159	98.6	0.3
b. Peripheral nervous	0	2	1	1	4	4	8	0.1	1.1	0.1	2.2	-	0.2	0.1	0.1	0.3	0.1	0.2	2	3	100.0	0.0
V RETINOBLASTOMA	55	78	6	0	0	139	139	2.6	100.0	1.8	100.0	25.3	8.8	0.5	-	-	4.8	3.8	63	63	82.7	0.0
VI RENAL TUMOURS	38	171	65	11	13	285	298	5.3	100.0	3.8	100.0	17.5	19.3	5.6	0.9	1.1	9.4	7.5	128	133	99.3	0.3
a. Nephroblastoma	38	168	63	5	1	274	275	5.1	96.1	3.5	92.3	17.5	19.0	5.4	0.4	0.1	9.1	7.1	123	123	99.6	0.0
b. Renal carcinoma	0	2	2	6	12	10	22	0.2	3.5	0.3	7.4	-	0.2	0.2	0.5	1.0	0.3	0.4	4	9	100.0	0.0
c. Unspecified	0	1	0	0	0	1	1	0.0	0.4	0.0	0.3	-	0.1	-	-	-	0.0	0.0	0	0	0.0	100.0
VII HEPATIC TUMOURS	26	50	7	18	11	101	112	1.9	100.0	1.4	100.0	11.9	5.7	0.6	1.5	0.9	3.3	2.8	45	49	94.6	0.0
a. Hepatoblastoma	25	48	4	7	0	84	84	1.6	83.2	1.1	75.0	11.5	5.4	0.3	0.6	-	2.8	2.2	38	38	97.6	0.0
b. Hepatic carcinoma	1	2	3	10	11	16	27	0.3	15.8	0.3	24.1	0.5	0.2	0.3	0.8	0.9	0.4	0.5	7	11	85.2	0.0
c. Unspecified	0	0	0	1	0	1	1	0.0	1.0	0.0	0.9	-	-	-	0.1	-	0.0	0.0	0	0	100.0	0.0
VIII BONE TUMOURS	4	9	53	161	140	227	367	4.2	100.0	4.6	100.0	1.8	1.0	4.6	13.3	11.4	5.8	7.0	95	152	100.0	0.0
a. Osteosarcoma	1	4	26	100	78	131	209	2.4	57.7	2.6	56.9	0.5	0.5	2.2	8.2	6.3	3.3	4.0	55	86	100.0	0.0
b. Chondrosarcoma	0	0	2	2	9	4	13	0.1	1.8	0.2	3.5	-	-	0.2	0.2	0.7	0.1	0.2	2	5	100.0	0.0
c. Ewing & related	0	4	23	54	38	81	119	1.5	35.7	1.5	32.4	-	0.5	2.0	4.5	3.1	2.1	2.3	34	49	100.0	0.0
d. Other specified	3	0	2	5	11	10	21	0.2	4.4	0.3	5.7	1.4	-	0.2	0.4	0.9	0.3	0.4	4	9	100.0	0.0
e. Unspecified	0	1	0	0	4	1	5	0.0	0.4	0.1	1.4	-	0.1	-	-	0.3	0.0	0.1	0	2	100.0	0.0
IX SOFT TISSUE SARCOMA	34	99	89	134	175	356	531	6.6	100.0	6.7	100.0	15.6	11.2	7.7	11.0	14.2	10.4	11.2	154	225	99.6	0.0
a. Rhabdomyosarcoma	10	66	50	38	45	164	209	3.1	46.1	2.6	39.4	4.6	7.5	4.3	3.1	3.7	5.0	4.7	72	90	100.0	0.0
b. Fibrosarcoma	12	7	4	12	31	35	66	0.7	9.8	0.8	12.4	5.5	0.8	0.3	1.0	2.5	1.1	1.4	15	28	98.5	0.0
c. Kaposi sarcoma	1	0	0	0	0	1	1	0.0	0.3	0.0	0.2	0.5	-	-	-	-	0.0	0.0	0	0	100.0	0.0
d. Other specified	8	20	31	64	82	123	205	2.3	34.6	2.6	38.6	3.7	2.3	2.7	5.3	6.7	3.4	4.1	53	86	100.0	0.0
e. Unspecified	3	6	4	20	17	33	50	0.6	9.3	0.6	9.4	1.4	0.7	0.3	1.6	1.4	0.9	1.0	14	21	98.0	0.0
X GERM CELL TUMOURS	41	29	24	80	303	174	477	3.2	100.0	6.0	100.0	18.8	3.3	2.1	6.6	24.6	5.0	9.4	75	198	96.4	0.2
a. CNS germ cell ‡	8	5	13	31	28	57	85	1.1	32.8	1.1	17.8	3.7	0.6	1.1	2.6	2.3	1.6	1.7	24	36	82.4	0.0
b. Other extragonadal	21	14	2	1	16	38	54	0.7	21.8	0.7	11.3	9.7	1.6	0.2	0.1	1.3	1.3	1.3	17	24	100.0	0.0
c. Gonadal germ cell	12	10	8	38	234	68	302	1.3	39.1	3.8	63.3	5.5	1.1	0.7	3.1	19.0	1.9	5.7	29	124	100.0	0.0
d. Gonadal carcinoma	0	0	0	6	13	6	19	0.1	3.4	0.2	4.0	-	-	-	0.5	1.1	0.1	0.3	2	8	100.0	0.0
e. Unspecified gonadal	0	0	1	4	12	5	17	0.1	2.9	0.2	3.6	-	-	0.1	0.3	1.0	0.1	0.3	2	7	88.2	5.9
XI CARCINOMA & MELANOMA	12	20	37	142	561	211	772	3.9	100.0	9.7	100.0	5.5	2.3	3.2	11.7	45.5	5.6	14.5	89	317	99.5	0.3
a. Adrenocortical	0	5	1	3	1	9	10	0.2	4.3	0.1	1.3	-	0.6	0.1	0.2	0.1	0.3	0.2	4	4	100.0	0.0
b. Thyroid	1	3	10	62	214	76	290	1.4	36.0	3.7	37.6	0.5	0.3	0.9	5.1	17.4	1.9	5.4	32	118	99.7	0.0
c. Nasopharyngeal	0	0	0	6	14	6	20	0.1	2.8	0.3	2.6	-	-	-	0.5	1.1	0.1	0.4	2	8	100.0	0.0
d. Melanoma	10	10	18	38	212	76	288	1.4	36.0	3.6	37.3	4.6	1.1	1.6	3.1	17.2	2.1	5.5	33	119	99.3	0.3
e. Skin carcinoma	0	0	0	2	1	2	3	0.0	0.9	0.0	0.4	-	-	-	0.2	0.1	0.0	0.1	1	1	100.0	0.0
f. Other & unspecified	1	2	8	31	119	42	161	0.8	19.9	2.0	20.9	0.5	0.2	0.7	2.6	9.7	1.1	3.0	18	66	99.4	0.6
XII OTHER & UNSPECIFIED	3	10	5	3	9	21	30	0.4	100.0	0.4	100.0	1.4	1.1	0.4	0.2	0.7	0.7	0.7	9	13	90.0	6.7
a. Other specified	2	10	3	1	5	16	21	0.3	76.2	0.3	70.0	0.9	1.1	0.3	0.1	0.4	0.5	0.5	7	9	100.0	0.0
b. Other unspecified	1	0	2	2	4	5	9	0.1	23.8	0.1	30.0	0.5	-	0.2	0.2	0.3	0.1	0.2	2	4	66.7	22.2
TOTAL	550	1889	1328	1596	2568	5363	7931	100.0	100.0	100.0	100.0	252.7	213.8	114.9	131.6	208.3	161.0	171.6	2340	3381	93.3	0.3

† includes 376 non-malignant ‡ includes 13 non-malignant

Please consult the quality indicators for this registry

USA, Ohio (1998-2012)

	Males										M/F ratio		Females											
	Number of cases in age groups										0-14	0-19	Number of cases in age groups										0-14	0-19
	0	1-4	5-9	10-14	15-19	0-14	0-19	ASR per million	0-14	0-19			0	1-4	5-9	10-14	15-19	0-14	0-19	ASR per million	0-14	0-19		
I LEUKAEMIA	51	405	212	197	189	865	1054	52.2	47.2	1.3	1.3	44	331	183	124	128	682	810	43.5	38.5				
a. Lymphoid	16	329	177	127	111	649	760	39.3	34.5	1.3	1.3	16	268	143	80	57	507	564	32.5	27.3				
b. Acute myeloid	25	48	20	45	48	138	186	8.2	8.1	1.2	1.2	20	42	29	24	40	115	155	7.3	7.1				
c. CMD	0	4	11	14	15	29	44	1.5	1.7	1.2	1.0	3	5	2	14	21	24	45	1.4	1.9				
d. MDS & other	8	16	4	7	9	35	44	2.2	2.0	1.5	1.6	4	14	2	4	4	24	28	1.6	1.4				
e. Unspecified	2	8	0	4	6	14	20	0.9	0.9	1.2	1.1	1	2	7	2	6	12	18	0.7	0.8				
II LYMPHOMA & RELATED	17	46	117	181	362	361	723	19.2	27.8	1.9	1.7	13	20	44	110	248	187	435	10.3	17.2				
a. Hodgkin	0	4	28	86	216	118	334	5.8	12.2	1.6	1.3	0	1	11	63	185	75	260	3.8	9.8				
b. Non-Hodgkin except BL	5	13	42	57	108	117	225	6.2	8.7	1.6	1.8	7	9	25	30	51	71	122	4.0	5.0				
c. Burkitt (BL)	0	16	39	31	30	86	116	4.7	4.7	7.8	5.8	0	2	0	9	9	11	20	0.6	0.8				
d. Lymphoreticular	12	12	6	3	3	33	36	2.1	1.7	1.1	1.1	6	8	8	7	3	29	32	1.8	1.5				
e. Unspecified	0	1	2	4	5	7	12	0.4	0.5	7.0	12.0	0	0	0	1	0	1	1	0.0	0.0				
III CNS NEOPLASMS †	42	257	244	217	222	760	982	44.0	42.1	1.2	1.2	36	186	208	209	202	639	841	38.1	37.1				
a. Ependymoma	10	35	20	11	14	76	90	4.7	4.1	1.4	1.4	6	18	11	18	12	53	65	3.2	3.0				
b. Astrocytoma	15	116	99	90	82	320	402	18.6	17.4	1.1	1.2	12	93	90	86	63	281	344	16.9	15.4				
c. CNS embryonal	7	61	51	31	30	150	180	8.9	8.0	1.5	1.6	10	39	33	19	14	101	115	6.3	5.4				
d. Other gliomas	3	22	38	42	39	105	144	5.8	5.9	1.1	1.1	3	20	47	29	27	99	126	5.8	5.5				
e. Other specified	5	16	31	37	51	89	140	4.9	5.6	1.0	0.8	3	14	22	46	84	85	169	4.7	6.8				
f. Unspecified CNS	2	7	5	6	6	20	26	1.2	1.1	1.0	1.2	2	2	5	11	2	20	22	1.1	0.9				
IV NEUROBLASTOMA	73	102	18	4	5	197	202	13.2	10.4	1.2	1.3	61	76	16	5	0	158	158	11.0	8.5				
a. (Ganglio)neuroblastoma	73	101	17	4	1	195	196	13.1	10.2	1.3	1.3	61	75	16	4	0	156	156	10.9	8.4				
b. Peripheral nervous	0	1	1	0	4	2	6	0.1	0.2	1.0	3.0	0	1	0	1	0	2	2	0.1	0.1				
V RETINOBLASTOMA	29	38	3	0	0	70	70	4.8	3.7	1.0	1.0	26	40	3	0	0	69	69	4.9	3.8				
VI RENAL TUMOURS	21	88	21	7	8	137	145	9.0	7.2	0.9	0.9	17	83	44	4	5	148	153	9.9	7.9				
a. Nephroblastoma	21	86	20	4	0	131	131	8.6	6.7	0.9	0.9	17	82	43	1	1	143	144	9.6	7.5				
b. Renal carcinoma	0	2	1	3	8	6	14	0.3	0.5	1.5	1.8	0	0	1	3	4	4	8	0.2	0.3				
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.1	0.1				
VII HEPATIC TUMOURS	15	31	5	12	7	63	70	4.0	3.3	1.7	1.7	11	19	2	6	4	38	42	2.6	2.1				
a. Hepatoblastoma	14	30	3	5	0	52	52	3.4	2.7	1.6	1.6	11	18	1	2	0	32	32	2.2	1.7				
b. Hepatic carcinoma	1	1	2	6	7	10	17	0.5	0.7	1.7	1.7	0	1	1	4	4	6	10	0.3	0.4				
c. Unspecified	0	0	0	1	0	1	1	0.0	0.0	-	-	0	0	0	0	0	0	0	-	-				
VIII BONE TUMOURS	0	6	22	87	90	115	205	5.7	7.6	1.0	1.3	4	3	31	74	50	112	162	5.9	6.4				
a. Osteosarcoma	0	3	12	50	51	65	116	3.2	4.3	1.0	1.2	1	1	14	50	27	66	93	3.4	3.6				
b. Chondrosarcoma	0	0	1	1	9	2	11	0.1	0.4	1.0	5.5	0	0	1	1	0	2	2	0.1	0.1				
c. Ewing & related	0	2	9	32	21	43	64	2.1	2.4	1.1	1.2	0	2	14	22	17	38	55	2.0	2.2				
d. Other specified	0	0	0	4	6	4	10	0.2	0.4	0.7	0.9	3	0	2	1	5	6	11	0.4	0.5				
e. Unspecified	0	1	0	0	3	1	4	0.1	0.2	-	4.0	0	0	0	0	1	0	1	-	0.0				
IX SOFT TISSUE SARCOMA	19	63	47	70	99	199	298	11.5	12.4	1.3	1.3	15	36	42	64	76	157	233	9.2	10.0				
a. Rhabdomyosarcoma	6	44	27	21	27	98	125	5.9	5.5	1.5	1.5	4	22	23	17	18	66	84	4.0	3.8				
b. Fibrosarcoma	8	3	1	6	12	18	30	1.1	1.3	1.1	0.8	4	4	3	6	19	17	36	1.0	1.5				
c. Kaposi sarcoma	1	0	0	0	0	1	1	0.1	0.1	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	3	13	17	34	51	67	118	3.6	4.6	1.2	1.4	5	7	14	30	31	56	87	3.1	3.6				
e. Unspecified	1	3	2	9	9	15	24	0.8	0.9	0.8	0.9	2	3	2	11	8	18	26	1.0	1.1				
X GERM CELL TUMOURS	21	12	7	23	218	63	281	3.7	10.7	0.6	1.4	20	17	17	57	85	111	196	6.4	8.2				
a. CNS germ cell ‡	6	3	7	17	23	33	56	1.8	2.2	1.4	1.9	2	2	6	14	5	24	29	1.3	1.2				
b. Other extragonadal	3	2	0	0	8	5	13	0.3	0.6	0.2	0.3	18	12	2	1	8	33	41	2.3	2.1				
c. Gonadal germ cell	12	7	0	6	185	25	210	1.6	7.8	0.6	2.3	0	3	8	32	49	43	92	2.2	3.6				
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	6	13	6	19	0.3	0.7				
e. Unspecified gonadal	0	0	0	0	2	0	2	-	0.1	0.0	0.1	0	0	1	4	10	5	15	0.3	0.6				
XI CARCINOMA & MELANOMA	10	5	17	48	164	80	244	4.2	9.1	0.6	0.5	2	15	20	94	397	131	528	7.0	20.2				
a. Adrenocortical	0	2	1	1	0	4	4	0.2	0.2	0.8	0.7	0	3	0	2	1	5	6	0.3	0.3				
b. Thyroid	1	0	3	9	38	13	51	0.7	1.9	0.2	0.2	0	3	7	53	176	63	239	3.2	9.1				
c. Nasopharyngeal	0	0	0	4	10	4	14	0.2	0.5	2.0	2.3	0	0	0	2	4	2	6	0.1	0.2				
d. Melanoma	8	2	10	23	76	43	119	2.3	4.5	1.3	0.7	2	8	8	15	136	33	169	1.9	6.6				
e. Skin carcinoma	0	0	0	0	1	0	1	-	0.0	0.0	0.5	0	0	0	2	0	2	2	0.1	0.1				
f. Other & unspecified	1	1	3	11	39	16	55	0.8	2.0	0.6	0.5	0	1	5	20	80	26	106	1.3	4.0				
XII OTHER & UNSPECIFIED	2	4	2	1	3	9	12	0.6	0.5	0.8	0.7	1	6	3	2	6	12	18	0.8	0.8				
a. Other specified	1	4	1	0	2	6	8	0.4	0.4	0.6	0.6	1	6	2	1	3	10	13	0.7	0.6				
b. Other unspecified	1	0	1	1	1	3	4	0.2	0.2	1.5	0.8	0	0	1	1	3	2	5	0.1	0.2				
TOTAL	300	1057	715	847	1367	2919	4286	172.0	182.1	1.2	1.2	250	832	613	749	1201	2444	3645	149.4	160.7				

† includes 176 non-malignant in males and 200 non-malignant in females ‡ includes 6 non-malignant in males and 7 non-malignant in females

Please consult the quality indicators for this registry

USA, Ohio (1998-2012)

	Age group	Males	Females
Person-years	0	1 112 565	1 063 562
	1-4	4 512 785	4 324 475
	5-9	5 905 934	5 655 612
	10-14	6 209 840	5 916 955
	15-19	6 306 837	6 021 855
Total	0-14	17 741 124	16 960 604
	0-19	24 047 961	22 982 459
Average annual population	0-14	1 182 742	1 130 707
	0-19	1 603 197	1 532 164

Please consult the quality indicators for this registry